

5018114

FIG. 1

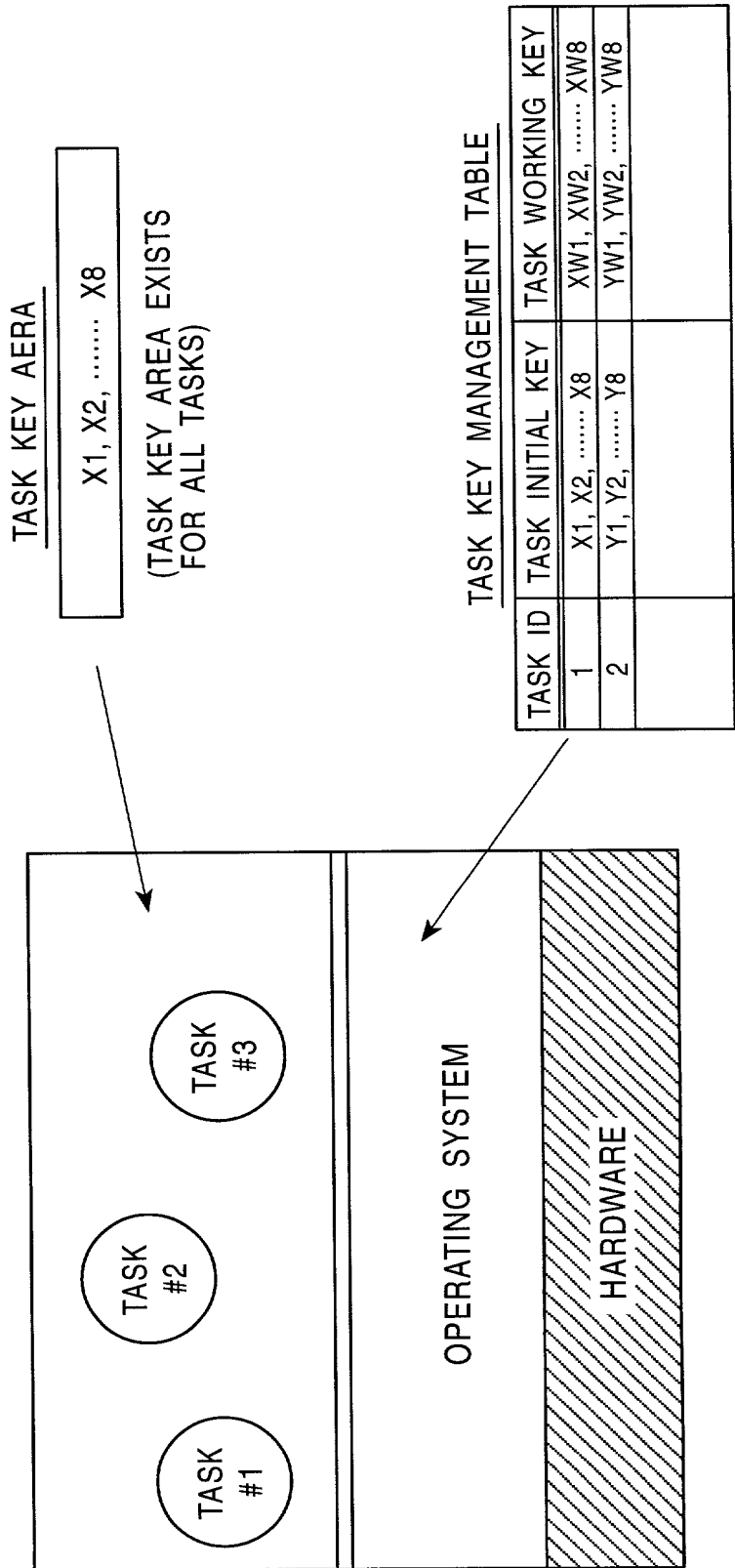


FIG. 2

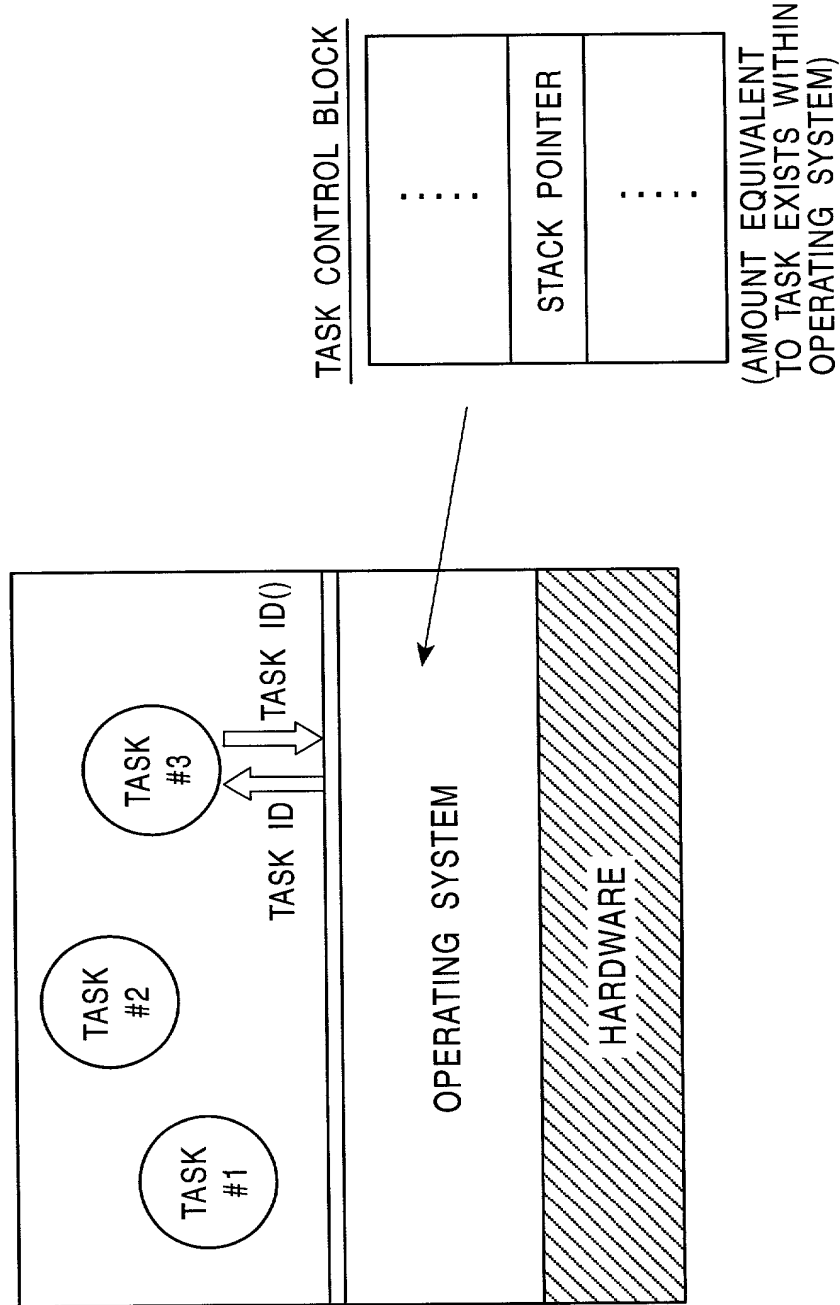


FIG. 3

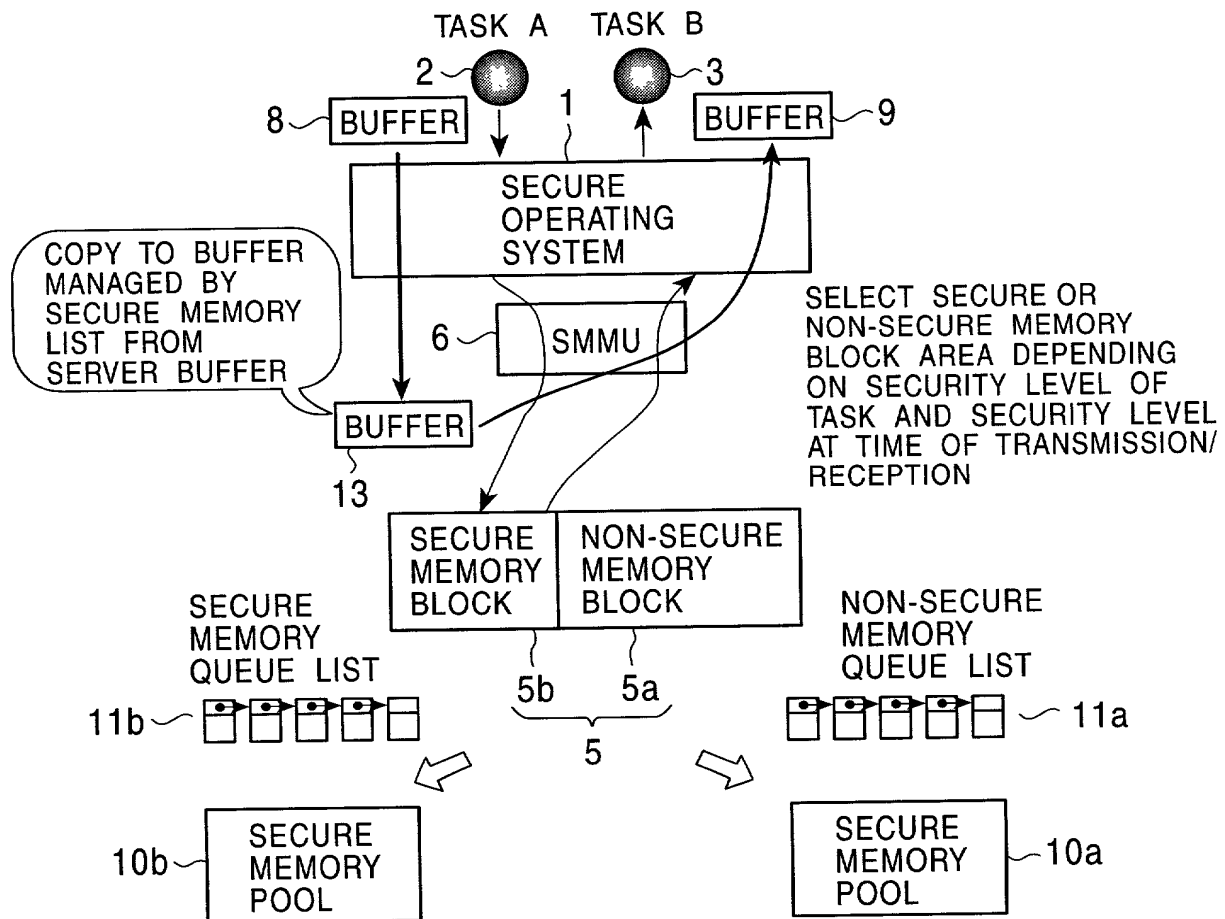
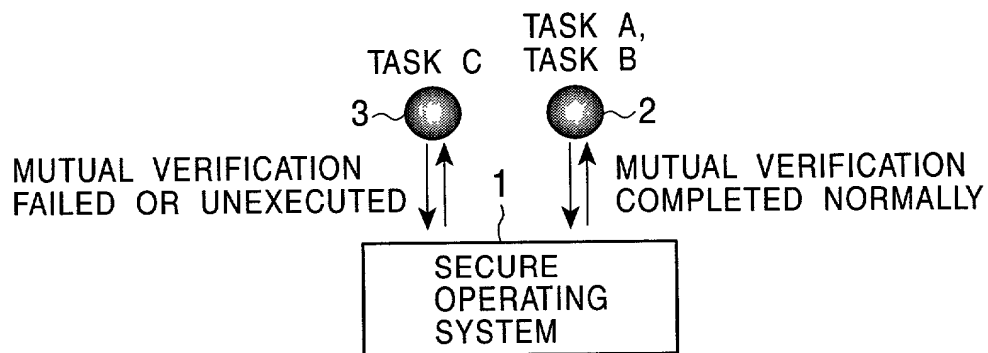


FIG. 4



TASK ID	SECURITY LEVEL	KEY INFORMATION
A	SECURE	KEY A
B	SECURE	KEY B
C	NON	NON
⋮	⋮	⋮
N-1	NON	NON
N	SECURE	KEY_N

SECURITY OPERATING SYSTEM  
INTERNALLY HOLDS SECURITY  
LEVEL (SECURE, NON-SECURE)  
FOR EACH TASK

FIG. 5

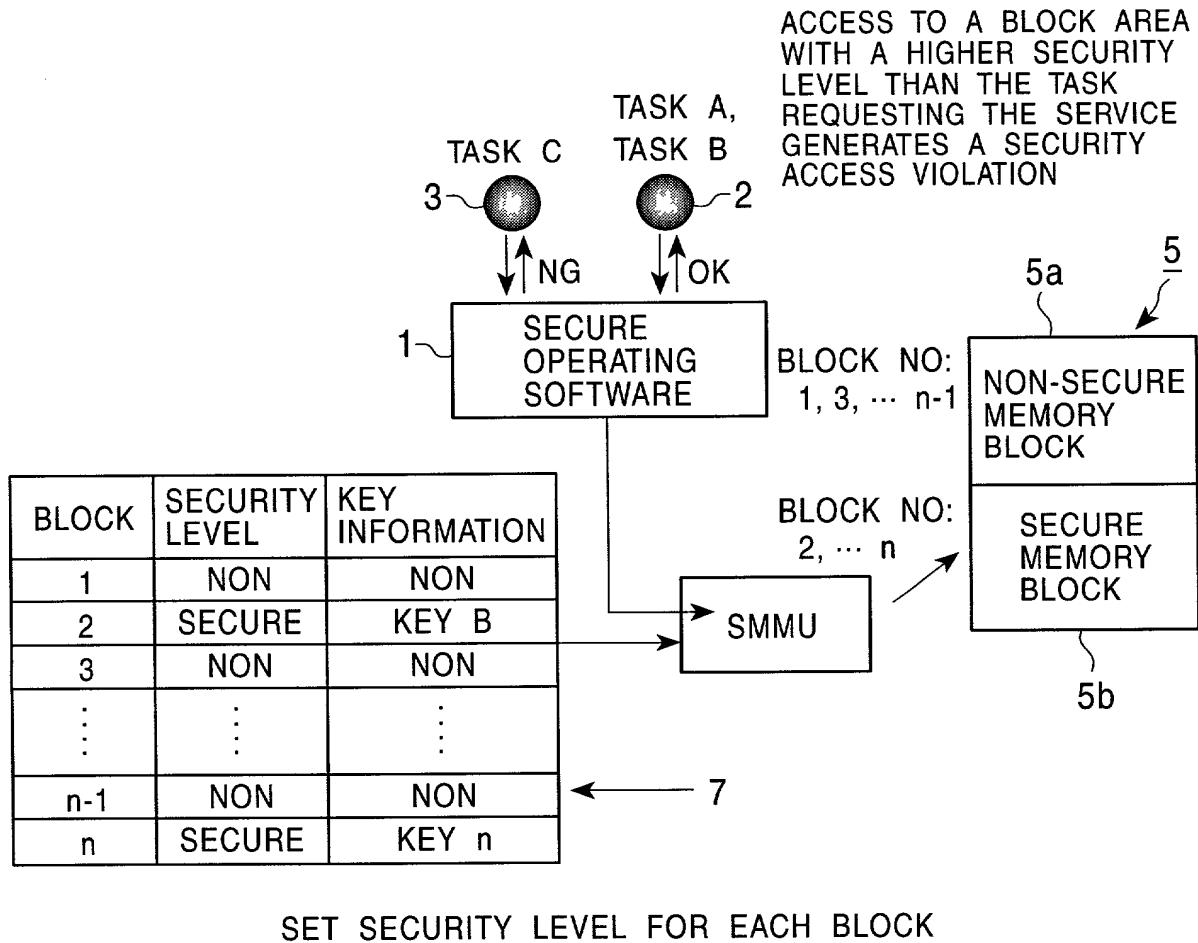


FIG. 6

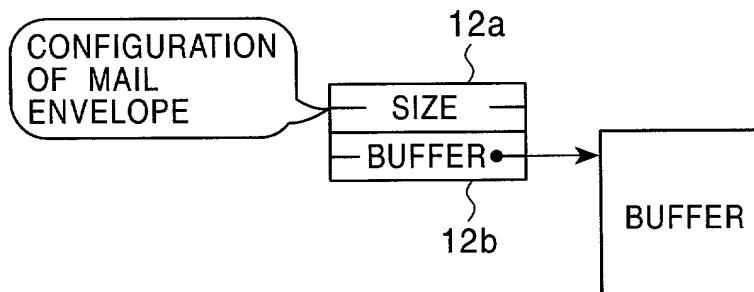
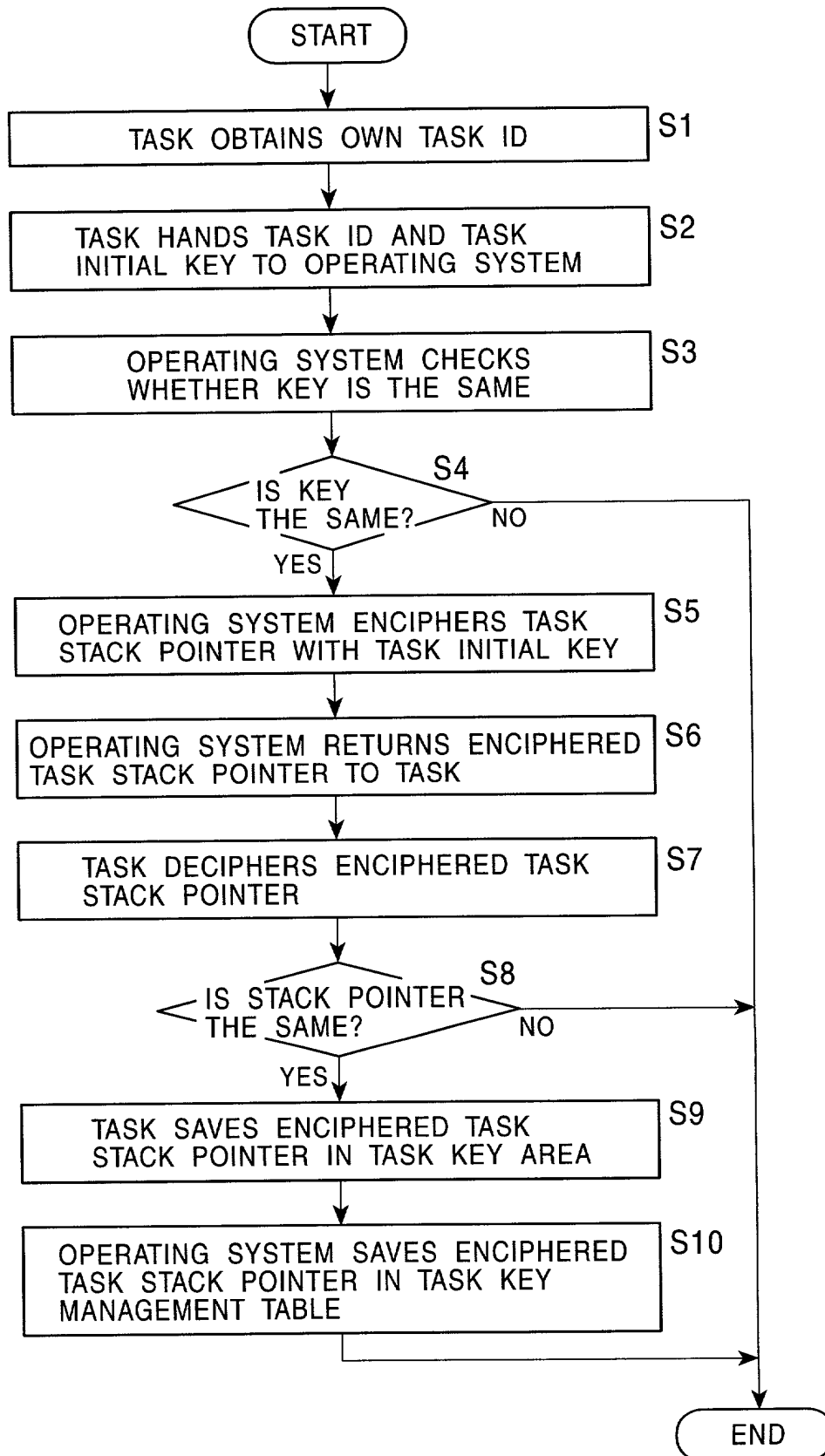
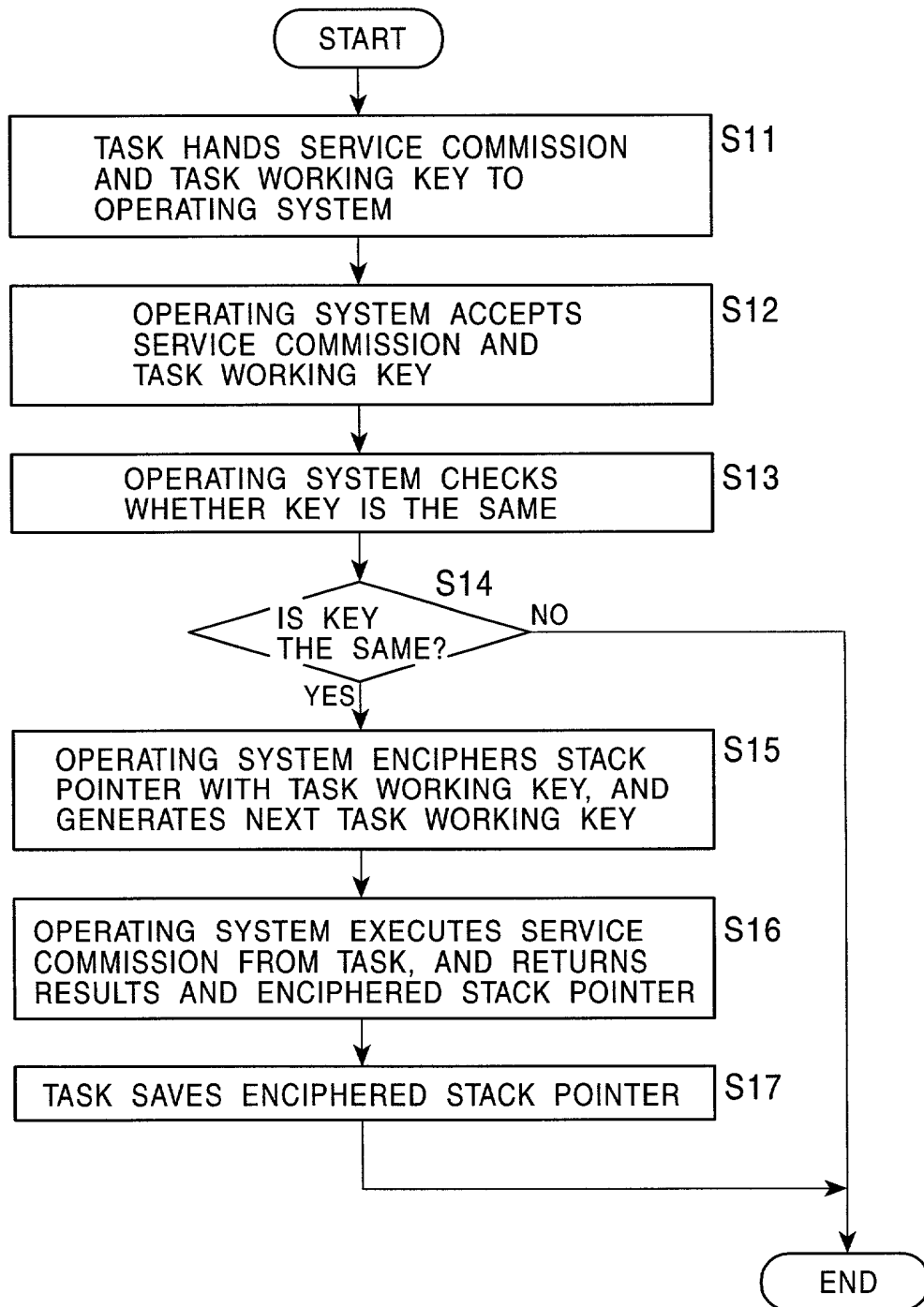


FIG. 7



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FIG. 8



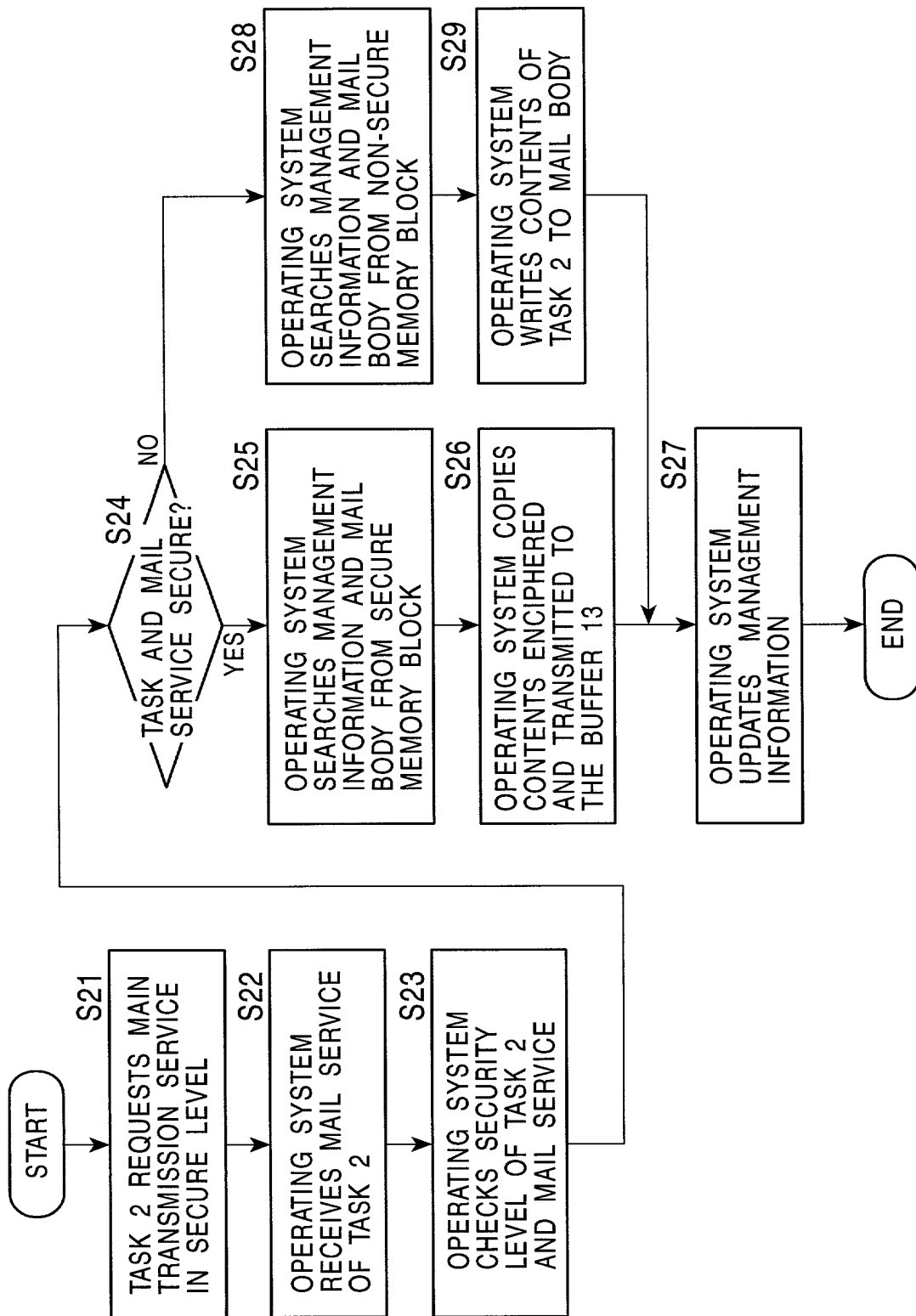
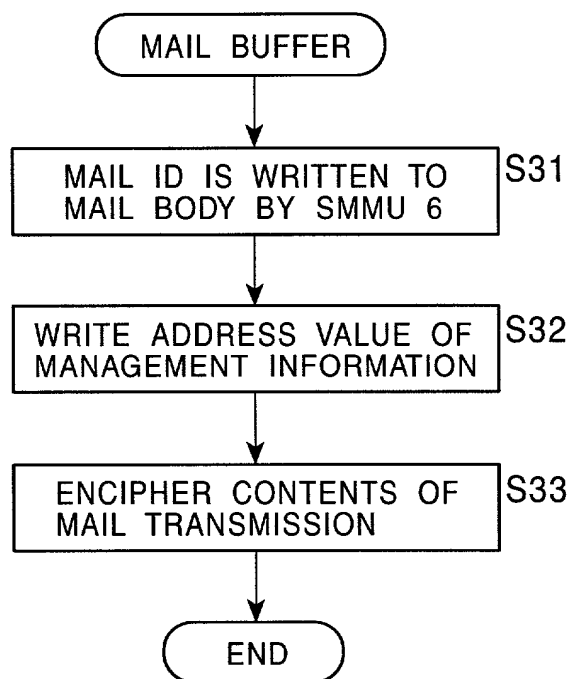




FIG. 10





## FIG. 12A

### MAIL TRANSMISSION

SendMail(int MailBoxNumber, MailBuf \*buf, int SecurityLevel)

## FIG. 12B

### MAIL RECEPTION

RecvMail(int MailBoxNumber, MailBuf \*buf, int SecurityLevel)